

ABSTRACT OF THE DISCLOSURE

The present invention is a convex printing table for use with wide-format and super wide-format digital printers, which print on flexible substrate up to 5 meters in width. The convex profile of the table creates contact force between the flexible substrate and the support surface. This contact force lessens the formation of wrinkles in the flexible substrate during the printing process, which permits the print heads to be positioned closer to the flexible substrate than with the flat tables currently in use. The size and number of wrinkles and the distance of the print heads from the flexible substrate impact the overall quality of the finished product. The convex printing table also provides a plurality of flat printable regions, enabling use with a four-color digital printer. The print heads are deployed so as to allow all four print heads to apply printing medium simultaneously and during passes across the flexible substrate in either direction, which increases the quality of the color of the finished product.